

# EPSON DOT MATRIX RANGE

Epson is the world's largest manufacturer of dot matrix printers with a product range that offers the ultimate in high speed, low cost, reliable and durable printing across all stationery types. Ideal for drafting, high volume data processing, and multi-part stationery – for which there is simply no alternative – no other technology offers such broad capability from a single machine.

Offering a wider choice than any other manufacturer – and spanning every duty cycle, from light to heavy duty – the Epson dot matrix range enables you to strike exactly the right balance between capability, performance and cost. And built to the standards which have made the Epson brand synonymous with reliability, Epson dot matrix printers are not only competitively priced, but extremely economical to run.



### **EPSON LQ-690**

- Print speed enhancer: fast printing of bit image data from the Windows® environment
- High reliability at MTBF of 20,000 hours
- High ribbon yield of 10 million characters

# EPSON 9-PIN DOT MATRIX PRINTERS

Featuring durable, heavy and medium duty printers for continuous data processing and high speed drafting tasks – while offering competitively priced low cost printers – the Epson 9-pin dot matrix range offers exceptional value.

Outstanding performance combined with high precision alignment and sophisticated paper handling enables this truly comprehensive range of narrow and wide carriage printers to tackle the widest range of high speed printing tasks with supreme accuracy, making them ideal for commercial, industrial and logistic applications – including data processing, invoicing, stock requisitions, cheque runs, label printing etc.

# EPSON 24-PIN DOT MATRIX PRINTERS

Offering all the features available across the Epson 9-pin range, but with the addition of scalable fonts and letter quality, for superior print quality, Epson 24-pin printers are ideal for front desk applications in the retail and service industries, and for tasks such as invoice and order printing.

The range is further enhanced with flat-bed printers that enable 24-pin printing to be achieved on less flexible materials and a wide variety of non-standard stationery such as receipts and label printing.

Printer Model	Duty	9-Pin	24-Pin	POS	Instore	Accounting	Listing	Passbook
LX-300+II	Light			•••			•	
LX-1170II	Medium			••	••		•	
FX-890	High			•	•••	•••	••	
FX-2190	High	-			•••	•••	••	
DFX-9000	Heavy	-			•••	•••	•••	
LQ-300+II	Light		-	•••				
LQ-590	Medium		-	••	•••	•••	••	
LQ-630	Light		-	••	•			
LQ-680/680Pro	Medium			••	•••			
LQ-690	Medium			••	•••			
LQ-2090	Medium				•••	•••	••	
LQ-2180	High		-		•••	•••	•••	
DLQ-3500	Heavy				•••	••	•••	
PLQ-20/20M	Heavy		-	•	•			•••
PLQ-20D/20DM	Heavy			•	•			•••

## THE DOT MATRIX PRINTER ADVANTAGES

- Low TCO per print-outs (as low as 20 euro cents/ 100 pages)
- Multi-part capability (up to 1 original + 9 copies)
- Long lasting print-outs (up to 100 years)
- Can work under harsh environments (Hot, cold, dry, humid or dusty environments)
- Less maintenance
- Handles continuous paper (Good for transaction continuity)
- Handles media of varying thickness (Paper, multipart forms, envelopes, card etc)
- Multiple paper paths (Choose paper loading paths that match your workstation environment)
- Handles cut sheets and continuous paper simultaneously

## **COMPATIBILITY - ESC/P2**

ESC/P (Epson Standard Code for Printers) is the defacto standard dot matrix printer control language, worldwide. Adopted in the vast majority of popular software packages, ESC/P enables you to plug straight in – and print. The versatility and quality of Epson impact printing is further extended by ESC/P2 which enables Epson 24-pin printers to achieve scalable fonts and high resolution graphics.

Fully compatible with existing software, ESC/P2 is designed for use with non Windows® operating systems, enabling you to achieve font manipulation without the need for costly on-board processors. If you are working within the Windows® environment you will be able to achieve your printer's maximum speed by using printer resident fonts.

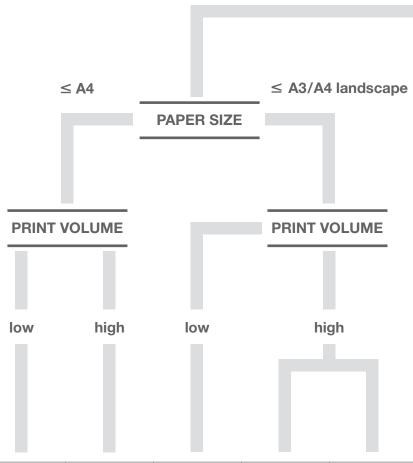
### CONNECTIVITY

Epson connectivity goes far beyond USB, parallel and serial interfaces. Where Epson impact printers are required to serve either as a shared resource or as a personal printer, we offer Ethernet and Wireless 802.11b. For full details of interfacing options please refer to the options and specifications tables at the back of this brochure.

## **COLOUR PRINTING**

Colour printing highlights important information and gives clarity to forms. Epson colour ribbons are ultra tough and produce colourful results without bleed or smudging. An easily installed colour upgrade is available for selected printers. For full details of printing options please refer to the options and specifications tables at the back of this brochure.

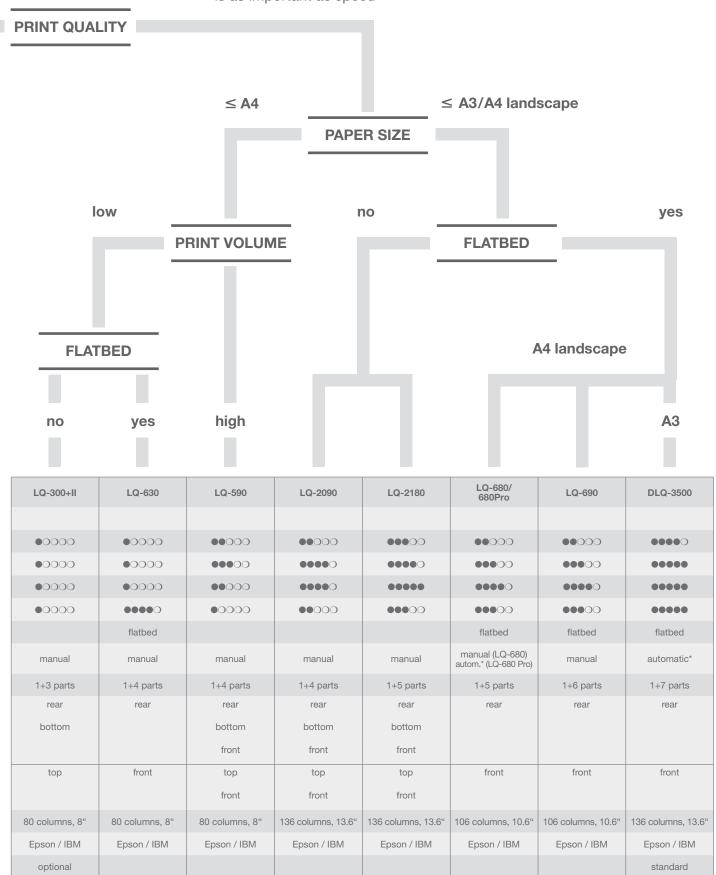
**9 pin** – speed is more important than print quality



		LX-300+II	FX-890	LX-1170II	FX-2190	DFX-9000
Quick comparison						
Speed		•0000	••••	•0000	00000	00000
Print volumes / durability		•0000	••••	•0000	••••	•••••
Footprint		•0000	••000	••>>>	••••	•••••
Quieter printing		•0000	••••	•0000	••••	••••
Flatbed printer						
Platen gap adjustment		manual	manual	manual	manual	automatic*
Multi copy capability		1+4 parts	1+5 parts	1+4 parts	1+5 parts	1+9 parts
Paper feeds top rear	Continuous	rear bottom	rear bottom front	rear bottom	rear bottom front	rear bottom (front)
bottom	Cut sheet	top	top front (optional)	top	top front (optional)	
Print width		80 columns, 8"	80 columns, 8"	136 columns, 13.6"	136 columns, 13.6"	136 columns, 13.6"
Printer language		Epson / IBM	Epson / IBM / Oki	Epson / IBM	Epson / IBM / Oki	Epson / IBM
Colour printing		optional				

<sup>\*</sup>DFX-9000, LQ-680Pro and DLQ-3500 have automatic platen gap adjustment to ensure optimum settings when changing between different media types with the minimum of user intervention. Automatic platen gap adjustment also allows printing on forms with varying thickness, such as multipart courier forms that also include a label.

**24 pin** – print quality is as important as speed



							/			144	
		90	Characte	ons	Pint speed in CPS fortal acters per second)	CPS @ 10 char	CPS @ 12 char	ar acters		Dimensions (WxDxH)	
	Model	Order code	Characte	Applications	Print spe (characte per seco	CPS @ 10	CPS® 12	Print volume	Multipart	Dimensio	
	LX-300+II	C11C640041 (220 V) C11C640051 (240 V)	80	Office application Front desk	High speed draft: Draft: Quality:	300 225 56	337 270 67	Low	1+4	366 x 275 x 159	
	LX-1170II	C11C641001 (220 V) C11C641002 (240 V)	136	Listing Accounting Invoicing	High speed draft: Draft: Quality:	300 225 56	337 270 67	Low	1+4	546 x 275 x 163	
9-pin	FX-890	C11C524025 (220 V) C11C524026 (240 V)	80	Listing Accounting Invoicing	Ultra high speed draft: Draft: Quality:	566 419 104.6	680 503 125.9	Medium	1+5	414 x 350 x 167.5	
	FX-2190	C11C526022 (220 V) C11C526023 (240 V)	136	Listing Accounting Invoicing	Ultra high speed draft: Draft: Quality:	566 419 104.6	680 503 125.9	Medium	1+5	589 x 350 x 167.5	
	DFX-9000	C11C605011BZ (220 V) C11C605011DA (240 V)	136	High speed high volume printing	High speed draft: Draft: Quality:	1550 1320 330	1450 1320 330	High	1+9	700 x 378 x 363	
	LQ-300+II	C11C638001 (220 V) C11C638002 (240 V)	80	Office application Front desk	High speed draft: Draft: Quality:	300 225 75	n/a 270 90	Low	1+3	366 x 275 x 159	
	LQ-590	C11C558022 (220 V) C11C558022A1 (240 V)	80	Office application Listing	High speed draft: Draft: Quality:	440 330 110	529 396 132	Medium	1+4	473.5 x 374.5 x 171.5	
	LQ-630	C11C480019 (220 V) C11C480019A1 (240 V)	80	Office application Flat bed printing	High speed draft: Draft: Quality:	300 225 79	360 270 94	Low	1+4	386 x 306 x 185	
	LQ-680	C11C376025 (220 V) C11C376026 (240 V)	106	Flat bed printing	High speed draft: Draft: Quality:	413 310 103	n/a 372 124	Medium	1+5	497 x 387 x 230	
	LQ-680Pro	C11C376125 (220 V) C11C376125A1 (240 V)	106	Flat bed printing, paper with varying thickness (auto platten gap adjustment)	High speed draft: Draft: Quality:	413 310 103	n/a 372 124	Medium	1+5	497 x 387 x 230	
24-pin	LQ-690	C11CA13041 (220 V) C11CA13051 (240 V)	106	Office application Flat bed application	High speed draft: Draft: Quality:	440 330 110	529 396 132	Medium	1+6	480 x 370 x 210	
	LQ-2090	C11C559012 (220 V) C11C559012A1 (240 V)	136	Listing Accounting Invoicing	High speed draft: Draft: Quality:	440 330 110	529 396 132	Medium	1+4	612.5 x 374.5 x 171.5	
	LQ-2180	C11C272152 (220 V) C11C272153 (240 V)	136	High speed listing	High speed draft: Draft: Quality:	480 360 120	n/a 431 143	Medium	1+5	639 x 402 x 268	
	DLQ-3500	C11C396085 (220 V) C11C396086 (240 V)	136	High speed listing Flat bed printing, paper with varying thickness (auto platten gap adjustment)	High speed draft: Draft: Quality:	550 495 165	n/a 594 198	High	1+7	660 x 432 x 276	
	PLQ-20/ PLQ-20M	PLQ-20: C11C560171 (220 V) C11C560021DA (240 V) PLQ-20M: C11C560181 (220 V) C11C560031DA (240 V)	94	Passbook, cheques, front desk applications	High speed draft: Draft: Quality:	480 360 120	576 432 144	Medium	1+6	384 x 280 x 203	
	PLQ-20D/ PLQ-20DM	PLQ-20D: C11C560361 (220 V) C11C560311A1 (240 V) PLQ-20DM: C11C560371 (220 V) C11C560341A1 (240 V)	94	Passbook, cheques, front desk applications	High speed draft: Draft: Quality:	480 360 120	576 432 144	Medium	1+6	384 x 280 x 203	

						/			/ /	, large
	Model	Order code	Interfaces	Enulations	Push tracts	Cut sheet	Pull tracto	Roll paper	Optional cut sheet feed	Marranty
	LX-300+II	C11C640041 (220 V) C11C640051 (240 V)	USB, parallel, serial, optional: 802.11b/g	ESC/P IBM 2380+	•	•	•	0	50 sheet	1 year replacement or repair optional extension to 3 years
	LX-1170II	C11C641001 (220 V) C11C641002 (240 V)	USB, parallel, serial, optional: 802.11b/g	ESC/P IBM 2381+	•	•	•	0	50 sheet	1 year replacement or repair optional extension to 3 years
9-pin	FX-890	C11C524025 (220 V) C11C524026 (240 V)	USB, parallel, optional: network, 802.11b/g, serial	ESC/P IBM PPDS	•	•	•	0	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
	FX-2190	C11C526022 (220 V) C11C526023 (240 V)	USB, parallel, optional: network, 802.11b/g, serial	ESC/P IBM PPDS	•	•	•	0	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
	DFX-9000	C11C605011BZ (220 V) C11C605011DA (240 V)	USB, parallel, serial, optional: network, 802.11b/g	ESC/P IBM PPDS	•		0			1 year on-site optional extension to 3 years
	LQ-300+II	C11C638001 (220 V) C11C638002 (240 V)	USB, parallel, serial, optional: 802.11b/g	ESC/P2 IBM 2390+	•	•	•	0	50 sheet	1 year replacement or repair optional extension to 3 years
	LQ-590	C11C558022 (220 V) C11C558022A1 (240 V)	USB, parallel, optional: network, 802.11b/g, serial	ESC/P2 IBM PPDS	•	•	•	0	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
	LQ-630	C11C480019 (220 V) C11C480019A1 (240 V)	USB, parallel, optional: 802.11b/g	ESC/P2 IBM PPDS	•	•				1 year replacement or repair optional extension to 3 years
	LQ-680	C11C376025 (220 V) C11C376026 (240 V)	Parallel, optional: network, serial	ESC/P2 IBM 2390+	•	•		0	50 + 150 sheet *2	1 year replacement or repair optional extension to 3 years
	LQ-680Pro	C11C376125 (220 V) C11C376125A1 (240 V)	Parallel, optional: network, serial	ESC/P2 IBM 2390+	•	•		0	50 + 150 sheet *2	1 year replacement or repair optional extension to 3 years
24-pin	LQ-690	C11CA13041 (220 V) C11CA13051 (240 V)	USB, parallel, optional: 802.11b/g	ESC/P2 IBM PPDS	•	•		0		1 year replacement or repair optional extension to 3 years
	LQ-2090	C11C559012 (220 V) C11C559012A1 (240 V)	USB, parallel, optional: network, 802.11b/g, serial	ESC/P2 IBM PPDS	•	•	•	0	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
	LQ-2180	C11C272152 (220 V) C11C272153 (240 V)	Parallel, optional: network, serial	ESC/P2 IBM 2391+	•	•	•	0	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
	DLQ-3500	C11C396085 (220 V) C11C396086 (240 V)	USB, parallel, optional: network, 802.11b/g, serial	ESC/P2 IBM PPDS	•	•			250 sheet	1 year on-site optional extension to 3 years
	PLQ-20/ 20M	PLQ-20: C11C560171 (220 V) C11C560021DA (240 V) PLQ-20M: C11C560181 (220 V) C11C560031DA (240 V)	USB, parallel, serial, optional: 802.11b/g	ESC/P2 IBM PPDS PR2, WNI4915		•		0		1 year replacement or repair optional extension to 3 years
	PLQ-20D/ 20DM	PLQ-20D: C11C560361 (220 V) C11C560311A1 (240 V) PLQ-20DM: C11C560371 (220 V) C11C560341A1 (240 V)	USB, 2x serial, optional: 802.11b/g	ESC/P2 IBM PPDS PR2, WNI4915		•		0		1 year replacement or repair optional extension to 3 years

# EPSON LX-300+II



Because of its compact dimensions, the Epson LX-300+II is not only the ideal 9-pin printer for front and back office applications where space is limited, it's also a low cost solution for measurement and control systems. With auto switching USB, serial and parallel interfaces, the LX-300+II provides flexible standalone connectivity.

## 9-PIN DOT MATRIX PRINTER

# Key features

- Compact 9-pin narrow carriage printer
- Up to 337 characters per second (12 cpi)
- Copy capability of 1 original + 4 copies
- · Versatile top, bottom and rear paper
- 8 built-in bar code fonts
- USB, parallel and serial interfaces

# Options

- 50 sheet cut sheet feeder
- Roll paper holder
- Colour upgrade kit
- Push/pull tractor unit
- Wireless network interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# EPSON LX-1170II



The Epson LX-1170II is the ideal 9-pin printer for light workloads. The copy capability of one original plus four copies makes it suitable for a variety of environments including data reporting (e.g. telephone statistics and call logs, helpdesk and computer system reporting), listings, shipping documents and measurement and control systems.

# 9-PIN DOT MATRIX PRINTER

# Key features

- Wide carriage 9-pin printer
- Up to 337 characters per second (12 cpi)
- Copy capability of 1 original + 4 copies
- Versatile top, bottom and rear paper paths
- 8 built-in bar code fonts
- USB, parallel and serial interfaces

# **Options**

- 50 sheet cut sheet feeder
- Roll paper holder
- Push/pull tractor unit
- Wireless network interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

Cut Sheet





# EPSON FX-890



This narrow carriage printer combines high speed with the highest reliability. A mean volume between failure of 52 million lines makes it ideal for medium and large print volumes. Paper can be fed from front, top, rear or bottom and an optional additional push/pull tractor can store a second continuous form – perfect for warehouses, wholesalers, freight forwarders and finance departments.

### 9-PIN DOT MATRIX PRINTER

# Key features

- Fastest printer in its class up to 680 cps (12 cpi)
- Copy capability of 1 original + 5 copies
- Extremely robust printer with an MTBF of 20,000 power on hours
- Reliable print head life of 400 mill. characters
- Long lasting ribbon of 7.5 mill. characters
- Versatile front, top, bottom and rear paper paths
- USB and parallel interfaces

# **Options**

- 150 or 50 sheet cut sheet feeders
- Front sheet guide
- Front paper guide
- Additional push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, serial interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# **EPSON FX-2190**



This wide carriage printer combines high speed printing with outstanding reliability. A mean volume between failure of 52 million lines makes this printer suitable for medium and large print volumes. The paper can be fed from the front, top, rear or bottom and an optional additional push/pull tractor unit can store a second continuous form, which is ideal for commercial and industrial environments. Also available as network version FX-2190N.

# 9-PIN DOT MATRIX PRINTER

# Key features

- Fastest printer in its class up to 680 cps (12 cpi)
- Copy capability of 1 original + 5 copies
- Extremely robust printer with an MTBF of 20,000 power on hours
- Reliable print head life of 400 mill. characters
- Long lasting ribbon of 12 mill. characters
- Versatile front, top, bottom and rear paper paths
- USB and parallel interfaces

# **Options**

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front sheet guide
- Front paper guide
- Additional push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, serial interface

# **EPSON DFX-9000**



The Epson DFX-9000 is a high print volume printer providing an unprecedented level of speed and reliability for the most demanding business. Its advanced paper handling accommodates a variety of paper types while the standard front and rear push tractors can be switched easily between different types of continuous paper. An optional perforation cutter provides paper finishing capabilities. Also available as network version DFX-9000N.

### 9-PIN DOT MATRIX PRINTER

# Key features

- Extremely fast and reliable 4 x 9 pin wide carriage printer
- Extremely robust printer with an MVBF of 133 mill. characters
- Fast speed up to 1,550 cps
- Copy capability of 1 original + 9 copies
- Automatic platen gap adjustment
- USB, parallel and serial interfaces

# Options

- Pull tractor unit
- Perforation cutter
- Wired and wireless network interfaces
- Printer cabinet (Order code 7102677)

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# EPSON LQ-300+II



The compact Epson LQ-300+II is the ideal printer for front and back office applications where space may be limited as well as for measurement and control systems. The copy capability of one original plus three copies makes the 24-pin printer suitable for POS applications where reliable light duty printing is required.

# **24-PIN DOT MATRIX PRINTER**

# Key features

- Compact 24-pin narrow carriage printer
- Up to 300 characters per second (10 cpi)
- Copy capability of 1 original + 3 copies
- Versatile top, bottom and rear paper paths
- 8 built-in bar code fonts
- USB, parallel and serial interfaces

# Options

- 50 sheet cut sheet feeder
- Roll paper holder
- Colour upgrade kit
- Additional push/pull tractor unit
- Wireless network interface

# **EPSON LQ-590**



With a mean volume between failure of 40 million lines and a high print speed of 529 cps this extremely robust printer is ideal for medium and large print volumes. Flexible paper management allows insertion from the front, top, rear, and bottom, while a front sheet guide enables front feeding of even small paper types. Typical applications are labels, barcodes and point of sale invoice printing.

### 24-PIN DOT MATRIX PRINTER

# Key features

- Very high print speed of up to 529 cps (12 cpi)
- Copy capability of 1 original + 4 copies
- Extremely robust printer with an MTBF of 20.000 POH
- Reliable print head life of 400 mill. strokes/wire
- · Long lasting ribbon of 5 mill. characters
- Versatile front, top, bottom and rear paper paths
- Sound reduction down to 49 dB(A) in low-noise mode

# **Options**

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front paper guide
- Additional push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, serial interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# EPSON LQ-630



With a small footprint (39 cm x 31 cm) footprint, a column width of 80 characters, and print speed of up to 360 cps, this printer is ideal for environments with restricted space such as retail stores, doctors surgeries, ticket offices and industrial, trade and service companies.

# 24-PIN DOT MATRIX PRINTER

# Key features

- Compact and robust design
- Copy capability of 1 original + 4 copies
- Print at up to 360 cps (12 cpi)
- Also prints on small cut sheet paper (9 cm x 7 cm)
- Flatbed technology for ergonomic front paper feed
- USB and parallel interfaces

### **Options**

• Wireless network interface

# EPSON LQ-680/LQ-680Pro



These highly durable printers have a straight, flat paper path for ultra reliable flatbed printing. The Epson LQ-680Pro also includes automatic paper thickness adjustment for optimised print quality and optimised paper feeding – ideal for frequent changing between different paper types. It handles paper with varying thickness (e.g. overlapping forms and labels), and has simple push button paper source selection (e.g. between cut sheet and continuous paper).

### 24-PIN DOT MATRIX PRINTER

# Key features

- Reliable and durable 24-pin flat bed printer
- 106 columns printing width
- Copy capability of 1 original + 5 copies
- Prints up to 413 characters per second (10 cpi)
- Parallel interface
- Automatic paper thickness adjustment<sup>1</sup>
- Push button paper source section<sup>1</sup>

## **Options**

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder<sup>2</sup>
- Roll paper holder
- · Wired network and serial interfaces

1) Epson LQ-680Pro

2) 150 sheet cut sheet feeder must be fitted first

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# EPSON LQ-690



The Epson LQ-690 offers the best in dot matrix performance where it matters most: speed, reliability, ribbon yield and ease of use. The LQ-690 is also versatile, handling cut sheets, continuous paper, labels, envelopes and cards. The new innovative Print Speed Enhancer feature allows fast printing of bit image data from Windows®.

Standard Optional Standard Optional Cut Sheet

# 24-PIN DOT MATRIX PRINTER

# Key features

- 24 pin, 106 column, medium duty flatbed printer
- Prints up to 529 cps (12 cpi)
- Print Speed Enhancer: Fast printing of bit image data from Windows<sup>®</sup>
- Highly reliable with an MTBF of 20,000 hours
- High 10 million character ribbon yield
- High memory buffer of 128 Kbytes
- Copy capability of 1 original + 6 copies
  USB and parallel interfaces

# Options

- Roll paper holder
- Wireless network interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

Continuous

# EPSON LQ-2090



An extremely robust printer with a mean volume between failure of 40 million lines. Its high print speed of 529 cps makes it an ideal solution for medium and large print volumes. The Epson LQ-2090 impresses with flexible paper management which allows paper insertion from the front, top, rear, and bottom. A front paper guide makes it easy to insert even small sheets from the front.

### 24-PIN DOT MATRIX PRINTER

# Key features

- Very high print speed of up to 529 cps (12 cpi)
- Copy capability of 1 original + 4 copies
- Extremely robust printer with a MTBF of 20,000 POH
- Reliable print head life of 400 mill. strokes/wire
- · Long lasting ribbon of 8 mill. characters
- Versatile front, top, bottom and rear paper paths
- Sound reduction down to 50 dB(A) in low-noise mode

# **Options**

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front sheet guide
- Additional push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, serial interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# **EPSON LQ-2180**



This fast, flexible and very reliable printing solution is ideal for high volume applications. A high speed draft mode of up to 480 cps ensures maximum productivity, and two tractor units means you can load two paper types at the same time, ready for use. The LQ-2180 has the ability to handle up to 6-part forms and the choice of top, bottom front and rear paper paths.

# 24-PIN DOT MATRIX PRINTER

# Key features

- Robust and durable 24-pin wide carriage printer
- Very high print speed up to 480 cps (10 cpi)
- Copy capability of 1 original + 5 copies
- Two tractor units as standard
- Versatile front, top, bottom and rear paper paths
- Parallel interface

# Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder1
- Additional push/pull tractor unit
- Roll paper holder
- Wired network, serial interfaces

1)150 sheet cut sheet feeder must be fitted first

# **EPSON DLQ-3500**



This printer offers ultra reliable high speed printing. An ability to print on 8-part stationery is especially useful for multiple copy forms, while up to three media paths provide versatile paper handling – front sheet feed with auto loading, rear tractor feed with paper park, and an optional automatic cut sheet feeder. Supplied with both black and colour fabric ribbons.

### 24-PIN DOT MATRIX PRINTER

# Key features

- Wide carriage 24-pin flat-bed printer
- Very fast print speed of up to 550 cps (10 cpi)
- Copy capability of 1 original + 7 copies
- Push button paper source selection
- Automatic paper thickness adjustment
- Colour printing
- USB and parallel interfaces

### Options

- 250 sheet cut sheet feeder
- Automatic sheet alignment unit
- Wired and wireless network interfaces, serial interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

# EPSON PLQ-20/PLQ-20M EPSON PLQ-20D/PLQ-20DM



The Epson PLQ-20, Epson's passbook printer is ideal for all front desks applications such as banking, public administrations, and all booklet or thick media high speed good quality printing requirement. With its tiny footprint, automatic sheet alignment and print head adjustment it's the perfect solution for your flatbed printing needs.

Optional

# 24-PIN DOT MATRIX PRINTER

# Key features

- Neat, compact and robust design
- Automatic sheet alignment and thickness adjustment
- High print speed of up to 480 cps
- Quiet 24-pin document or passbook printer
- Copy capability of 1 original + 6 copies
- Flatbed technology for ergonomic front paper feed
- Olivetti PR2, Epson ESC/P2, Wincor 4915, IBM PPDS and IBM 4722 FP emulations
- Software tool for remote firmware upgrade, configuration and information retrieval
- PLQ-20: basic model
- PLQ-20M: with MSRW
- PLQ-20D: with dual serial IF
- PLQ-20DM: with dual serial IF + MSRW

### **Options**

- Space saving kit (includes a top paper tray and a rear paper guide)
- Wireless network interface

Order codes for main units are on page 6-7, for options and consumables on page 18-20.

Standard Optional Standard
Continuous Cut Sheet

# **SPECIFICATIONS EPSON 9-PIN**

CARRIAGE WIRTH IN COLUMN	LX-300+II	LX-1170II	FX-890	FX-2190	DFX-9000
CARRIAGE WIDTH IN COLUMNS PRINT SPEEDS	80 10 cpi   12 cpi	136	80	136	136
	10 срі 1 12 срі	10 cpi   12 cpi	10 cpi   12 cpi	10 cpi   12 cpi	10 cpi   12 cpi
Ultra high speed draft	200   207	200   207	566   680	566   680	1550   1150
High speed draft	300   337	300   337	559   627	559   627	1550   1450
Draft New letter quelity	225   270	225   270	419   503	419   503	1320   1320
Near letter quality	56   67	56   67	104.6   125.9	104.6   125.9	330   330
EMULATIONS	F00/D	F00/D	F00/D	F00/D	F00/D
Epson	ESC/P	ESC/P	ESC/P	ESC/P	ESC/P
IBM / OKI	2380 Plus	2381 Plus	ProPrinter DS / ML	ProPrinter DS / ML	2381 Plus / PPD
PAPER HANDLING FEATURES					
Auto paper loading					
Auto and manual tear off position					
Paper parking – continuous stationery					
Micro feed					
Automatic platen gap adjustment					
CUT SHEET STATIONERY					
Single sheet, paper, labels or envelopes					
Multi-part forms (original + copies)	1+4	1+4	1+5	1+5	
Front in top out					
Top in top out					
50 sheet cut sheet feeder					
150 sheet cut sheet feeder					
Combined 50/150 sheet cut sheet feeders					
Front paper guide			 □*5	□*5	
Front sheet guide			□ *6	□*6	
ROLL PAPER					
CONTINUOUS STATIONERY	_			_	
Single sheet or labels					
_	1+4	1+4	1+5 *8	1+5 *8	1+9 front   1+6 re
Multi-part (original + copies)	1+4	1+4	I+0 6	1+3 ď	1+9 front   1+6 re
Sheets with varying thickness					_
Multipart with overlap	_	_	_		
Rear in top out – push feed	-				
Rear in top out – pull feed	<b>.</b>	<b>.</b>	<b>.</b>		
Rear in top out - push and pull feed	□*1	□*1	□*1	□*1	
Front in top out – push feed					
Front in top out – pull feed					
Front in top out – push and pull feed			□*1	□*1	
Bottom in top out – pull feed					
Two stationery types loaded at once			□ *1	□*1	
Buffer	64 KB	64 KB	128 KB	128 KB	128 KB
ACOUSTIC NOISE LEVEL	49 dB(A)	49 dB(A)	55 dB(A)	55 dB(A)	58 dB(A)
COLOUR PRINTING					
FONTS					
Epson Draft					
Epson Roman					
Epson Sans Serif					
BARCODE FONTS					
Code 128					
Code 39					
EAN-13					
EAN-8					
Interleave 2 of 5					
PostNet	- 1	- 1			
UPC-A					
UPC-E					
INTERFACES <sup>19</sup>	-	_	-	-	-
USB	-				-
			- :		- :
Parallel					
Serial					
Network print server					
802.11b/g wireless					
Type B internal interface slot					
DIMENSIONS IN MILLIMETRES					
Width	366 mm	546 mm	414 mm	589 mm	700 mm
Depth	275 mm	275 mm	350 mm	350 mm	378 mm
Height	159 mm	163 mm	167.5 mm	167.5 mm	363 mm
WEIGHT	4.4 kg	6.3 kg	7.2 kg	9.4 kg	34 kg
MTBF (POWER ON HOURS)	6,000	6,000	20,000	20,000	20,000
PRINT HEAD LIFE (MILLION STROKES PER WIRE)					
Black	400 m	400 m	400 m	400 m	400 m
Colour	100 m		characters	characters	characters
RIBBON LIFE (IN MILLION CHARACTERS)					
BLACK RIBBON	3 m	3 m	7.5 m	12 m	15 m
COLOUR RIBBON	O III	0111	7.0111	14 111	10111
Black	1 m				
Cyan	0.7 m				
Oyan	0.7 m				
Magenta					

<sup>\*1)</sup> requires additional convertible tractor unit option
\*2) requires two additional convertible tractor unit options
\*3) 150 sheet cut sheet feeder must be fitted first
\*4) front feed only
\*5) can be used in conjunction with front continuous paper feeding

<sup>\*6)</sup> cannot be used in conjunction with front continuous paper feeding
\*7) LQ-680Pro only
\*8) Multipart 1+6 copies when using pull feed
\*9) Not available in all countries. Please contact your local Epson representative

<sup>■ =</sup> Standard
□ = Optional
S = Scalable from 2 to 32 point in 2 point steps

# **SPECIFICATIONS EPSON 24-PIN**

	LQ-300+II	LQ-590	LQ-630	LQ-680/Pro	LQ-690
CARRIAGE WIDTH IN COLUMNS	80	80	80	106	106
PRINT SPEEDS High speed draft	10 cpi   12 cpi 300   n/a	10 cpi   12 cpi 440   529	10 cpi   12 cpi 300   360	10 cpi   12 cpi 413   n/a	10 cpi   12 cpi 440   529
Draft	225   270	330   396	225   270	310   372	330   396
Letter quality	75   90	110   132	79   94	103   124	110   132
EMULATIONS					
Epson	ESC/P2	ESC/P2	ESC/P2	ESC/P2	ESC/P2
IBM / OLIVETTI	IBMX24E 2390 Plus	IBM PPDS	IBM PPDS	2390 Plus	IBM PPDS
PAPER HANDLING FEATURES	2390 FluS				
Auto paper loading					
Auto and manual tear off position		- 1			
Paper parking – continuous stationery	-		i i		
Micro feed					
Automatic platen gap adjustment				<b>■</b> *7	
CUT SHEET STATIONERY					
Single sheet, paper, labels or envelopes					
Multi-part forms (original + copies)	1+3	□ 1+4 *4	1+4	1+5	1+6
Sheets with varying thickness				<b>■</b> *7	
Multipart with overlap				<b>■</b> *7	
Front in front out Front in rear out					-
Front in top out					
Top in top out					
50 sheet cut sheet feeder	_			□ *3	
150 sheet cut sheet feeder					
250 sheet cut sheet feeder					
Combined 50/150 sheet cut sheet feeders					
Front paper guide		<b>■</b> *5			
Front sheet guide		□ *6			
Automatic sheet alignment unit					
ROLL PAPER					
CONTINUOUS STATIONARY	_	_	_	_	_
Single sheet or labels	1.2	1.4	1.4	1.5	1.6
Multi-part (original + copies) Sheets with varying thickness	1+3	1+4	1+4	1+5 ■ *7	1+6
Multipart with overlap				■ *7 ■ *7	
Rear in front out – push feed				- /	
Rear in top out – push feed				_	
Rear in top out – pull feed		-			
Rear in top out - push and pull feed	□*1	□*1			
Front in top out - push feed					
Front in top out - pull feed					
Front in top out – push and pull feed		□ *1			
Bottom in top out – pull feed					
Two stationery types loaded at once		*1		211/2	
BUFFER	64 KB	128 KB	32 KB	64 KB	128 KB
ACOUSTIC NOISE LEVEL COLOUR PRINTING	49 dB(A)	49 dB(A)	57 dB(A)	55 dB(A)	57 dB(A)
FONTS					
Epson Draft					
Epson Courier					
Epson OCR-B					
Epson Orator			-		
Epson Orator-S					
Epson Prestige					
Epson Roman	■ S	■ S	■ S	■ S	■ S
Epson Roman T	■ S	■ S	■ S	■ S	■ S
Epson Sans Serif	■ S	■ S	■ S	■ S	■ S
Epson Sans Serif H	■ S	■ S	■ S	■ S	■ S
Epson Script Epson Script C				- :	
BARCODE FONTS			•	-	
Code 128					
Code 39					
EAN-13					
EAN-8					
Interleave 2 of 5					
PostNet					
UPC-A					
UPC-E INTERFACES <sup>*9</sup>					
USB					
Parallel					
Serial		_		_	
Network print server					
802.11b/g wireless					
Type B space					
DIMENSIONS IN MILLIMETRES					
Width	366 mm	437.5 mm	386 mm	497 mm	480 mm
Depth	275 mm	374.5 mm	306 mm	387 mm	370 mm
Height	159 mm	171.5 mm	185 mm	230 mm	210 mm
WEIGHT	4.4 kg	7.1 kg	3.5 kg	9.4 kg	6.8 kg
MTBF (POWER ON HOURS)	6,000	20,000	6,000	10,000	20,000
PRINT HEAD LIFE (MILLION STROKES PER WIRE)					
	200 m	400 m	200 m	400 m	400 m
Black	100 m				
Colour	100 111				
Colour RIBBON LIFE (IN MILLION CHARACTERS)		- F	0	0	
Colour RIBBON LIFE (IN MILLION CHARACTERS) BLACK RIBBON	2 m	5 m	2 m	2 m	10 m
Colour RIBBON LIFE (IN MILLION CHARACTERS) BLACK RIBBON COLOUR RIBBON	2 m	5 m	2 m	2 m	10 m
Colour RIBBON LIFE (IN MILLION CHARACTERS) BLACK RIBBON COLOUR RIBBON Black	2 m 1 m	5 m	2 m	2 m	10 m
Colour RIBBON LIFE (IN MILLION CHARACTERS) BLACK RIBBON COLOUR RIBBON	2 m	5 m	2 m	2 m	10 m

<sup>\*1)</sup> requires additional convertible tractor unit option
\*2) requires two additional convertible tractor unit options

<sup>\*3) 150</sup> sheet cut sheet feeder must be fitted first \*4) front feed only

<sup>\*5)</sup> can be used in conjunction with front continuous paper feeding

	LQ-2090	LQ-2180	DLQ-3500	PLQ20/20M	PLQ20D/20DM
CARRIAGE WIDTH IN COLUMNS	136	136	136	94	94
PRINT SPEEDS High speed draft	10 cpi   12 cpi 440   529	10 cpi   12 cpi 480   n/a	10 cpi   12 cpi 550   n/a	10 cpi   12 cpi 480   576	10cpi   12cpi 480   576
Draft	330   396	360   431	495   594	360   432	360   432
Letter quality	110   132	120   143	165   198	120   144	120   144
EMULATIONS					
Epson	ESC/P2	ESC/P2	ESC/P2	ESC/P2	ESC/P2
IBM / OLIVETTI	IBM PPDS	2391 Plus	ProPrinter 2391+ ProPrinter DS	IBM PPDS/PR2	IBM PPDS/PR2 IBM4722FP / WNI49
PAPER HANDLING FEATURES			FIOFIIILEI D3		IDIVI47221 F / VVIVI49
Auto paper loading					
Auto and manual tear off position					
Paper parking – continuous stationery					
Micro feed				_	
Automatic platen gap adjustment CUT SHEET STATIONERY					
Single sheet, paper, labels or envelopes					
Multi-part forms (original + copies)	1+4	1+5	1+7	1+6	1+6
Sheets with varying thickness					
Multipart with overlap					
Front in front out					
Front in rear out Front in top out					
Top in top out					
50 sheet cut sheet feeder		_ □ *3			
150 sheet cut sheet feeder					
250 sheet cut sheet feeder					
Combined 50/150 sheet cut sheet feeders		□ *3 ■ *5			
Front paper guide Front sheet guide	□ *5 ■ *6	<b>■</b> *5			
Automatic sheet alignment unit	• 0		- -		
ROLL PAPER					
CONTINUOUS STATIONARY					
Single sheet or labels					
Multi-part (original + copies)	1+4	1+5	1+7		
Sheets with varying thickness			-		
Multipart with overlap  Rear in front out – push feed					
Rear in top out – push feed					
Rear in top out – pull feed	- 1				
Rear in top out - push and pull feed	□*1				
Front in top out - push feed					
Front in top out - pull feed					
Front in top out – push and pull feed	*1 	*1 			
Bottom in top out – pull feed Two stationery types loaded at once	<b>■</b>				
BUFFER	128 KB	64 KB	128 KB	64 KB	64 KB
ACOUSTIC NOISE LEVEL	50 dB(A)	54 dB(A)	59 dB(A)	53 dB(A)	53 dB(A)
COLOUR PRINTING	( )				( )
FONTS					
Epson Draft					
Epson Courier					
Epson OCR-B Epson Orator					
Epson Orator-S					
Epson Prestige					
Epson Roman	■ S	■ S	■ S		
Epson Roman T	■ S	■ S	■ S		
Epson Sans Serif	■ S	■ S	■ S		
Epson Sans Serif H Epson Script	■ S	■ S	■ S		
Epson Script C					
BARCODE FONTS					
Code 128					
Code 39					
EAN-13		-			
EAN-8 Interleave 2 of 5					
PostNet					
UPC-A					
UPC-E					
INTERFACES <sup>*9</sup>					
USB		_			
Parallel			<b>.</b>	-	= 5
Serial Network print server					■ Dual
802.11b/g wireless					
Type B space			_		
DIMENSIONS IN MILLIMETRES					
Width	612.5 mm	639 mm	660 mm	384 mm	384 mm
Depth	374.5 mm	402 mm	432 mm	280 mm	280 mm
Height	171.5 mm	268 mm	276 mm	203 mm	203 mm
WEIGHT	9.5 kg	13 kg	18.1 kg	7.7/8.7 kg	7.7/8.7 kg
MTBF (POWER ON HOURS) PRINT HEAD LIFE (MILLION STROKES PER WIRE)	20,000	10,000	10,000	10,000	10,000
Black	400 m	400 m	400 m	400 m	400 m
Colour	.00111	100 111	100 111	700 111	-50 III
RIBBON LIFE (IN MILLION CHARACTERS)					
BLACK RIBBON	8 m	8 m	6 m or 9 m	5 m	5 m
COLOUR RIBBON					
Black Cyan			1.5 m		
			1.1 m		
Magenta			1.1 m		

<sup>\*6)</sup> cannot be used in conjunction with front continuous paper feeding\*7) LQ-680Pro only

<sup>\*8)</sup> Multipart 1+6 copies when using pull feed

<sup>\*9)</sup> Not available in all countries.
Please contact your local Epson representative.

# **OPTIONS, ACCESSORIES AND SUPPLIES**

	OPTIONAL PAPER HANDLING	Order code	LX-300+II	LX-1170II	FX-890	FX-2190	DFX-9000
	Colour upgrade kit	C12C832082	•				
	Convertible tractor unit	C12C800202			•		
		C12C800212				•	
		C12C800302	•				
		C12C800341		•			
	Pull tractor unit	C12C800382					•
	Roll paper holder	C12C811141	•	•	•	•	
	Front paper guide	C12C814022			<b>●</b> *2		
		C12C814032				◆*2	
	Front sheet guide	C12C814001			● *3		
		C12C814011				● *3	
	50 sheet cut sheet feeder	C12C806372	•		•		
		C12C806392		•		•	
9-pin	150 sheet cut sheet feeder	C12C806382			•		
6		C12C806402				•	
	Perforation cutter	C12C815072					•
	SUPPLIES						
	Black fabric ribbon		C13S015019	C13S015020	C13S015329	C13S015327	C13S015384
	Colour fabric ribbon		C13S015073				
	OPTIONAL INTERFACES*4						
	Serial interface (0K buffer)	C12C824432			•	•	•
	Epsonnet 10/100 Base Tx Int. Printer Server 5e	C12C824352			•	•	•
	Epson 802.11b/g Wireless and 10/100 Base TX External Print Server	C12C824372 (220 V) C12C824373 (240 V)	•	•	•	•	•
	WARRANTY*4						
	1 year replacement or repair		•	•	•	•	
	1 year on-site						•
	Optional extension to 3 years		ECPGRP10	ECPGRP20	ECPGRP20	ECPGRP25	ECPGRP70

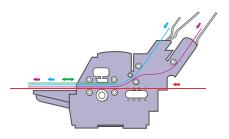
OPTIONAL PAPER HANDLING	Order code	LQ-300+II	LQ-590	LQ-630	LQ-680/ Pro	LQ-690	LQ-2090	LQ-2180	DLQ-3500	PLQ-20/ M/D/DM
Colour upgrade kit	C12C832112	•								
Convertible tractor unit	C12C800202		•							
	C12C800212						•			
	C12C800302	•								
	C12C800322							•		
Roll paper holder	C12C811141	•	•		•	•	•	•		•
Front sheet guide	C12C814011						•			
Front paper guide	C12C814022		•							
50 sheet cut sheet feeder	C12C806372	•	•							
	C12C806392						•			
	C12C806742							*1 •		
	C12C806792				*1 ●					
150 sheet cut sheet feeder	C12C806382		•							
	C12C806402						•			
	C12C806732							•		
250 sheet cut sheet feeder	C12C806872				•					
250 sheet cut sheet feeder	C12C806832								•	
Space saving kit	C12C802202									•
Automatic sheet alignment unit	C12C806882								•	
SUPPLIES										
Black fabric ribbon		C13S015021	C13S015337	C13S015307	C13S015262	C13S015610	C13S015336	C13S015086	C13S015066	C13S01533
Colour fabric ribbon		C13S015077							C13S015067	
Black film ribbon	C13S015255	•			•					
OPTIONAL INTERFACES*4										
Serial interface (0K buffer)	C12C824432		•		•		•	•	•	
EpsonNet 10/100 Base Tx int. Print Server 5e	C12C824352		•		•		•	•	•	
Epson 802.11b/g Wireless and 10/100 Base TX External Print Server	C12C824372 (220 V) C12C824373 (240 V)	•	•	•		•	•		•	•
WARRANTY*4										
1 year replacement or repair		•	•	•	•	•	•	•		•
1 year On-site								•	•	
Extension to 3 years		ECPGRP10	ECPGRP20	ECPGRP20	ECPGRP20	ECPGRP20	ECPGRP30	ECPGRP30	ECPGRP50	ECPGRP2

<sup>\*1) 150</sup> sheet cut sheet feeder must be fitted first \*2) can be used in conjunction with front continuous paper feeding

<sup>\*3)</sup> cannot be used in conjunction with front continuous paper feeding

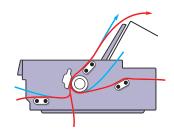
## **OPTIONS AND ACCESSORIES**

# TYPICAL PAPER PATHS



## **MOTORISED SHEET FEEDERS**

For high volume cut sheet printing, optional motorised cut sheet feeders are available for selected products, like the 150 sheet cut sheet feeder for the Epson LQ-2180. Equipped with productivity enhancing, independent motor drives, these feeders reduce paper handling time and ensure optimum paper throughput.



# **CUT SHEET FEEDERS**

Offering 50, 150 and 250 sheet, for automatic selection of forms and plain stationery.



DFX-9000 CABINET

7102677

# PAPER FEED TRACTORS

A choice of push, pull, and push/pull combined tractors not only enable more than one stationery type to be permanently loaded for delivery on demand, but handle continuous and multi-part stationery more efficiently.



**DFX-9000 TRACTOR UNIT** C12C800382



LQ-/SQ-870/LQ-570 SINGLE CSF C12C806372



LQ-1170 HIGH CAPACITY CSF C12C806402



FX-/LQ-2170 HIGH CAPACITY CSF



C12C806732



FX-1180/1170/SQ-1170/LX-1170 CSF

FX-/LQ-2170 SECOND-BIN CSF C12C806742



LQ-670 SECOND-BIN CSF C12C806792



LQ-680/680PRO HIGH CAPACITY CSF C12C806872



DLQ-3000+/3500 SINGLE-BIN CSF C12C806832



LX-300 PULL TRACTOR UNIT C12C800302



LX-1170 PULL TRACTOR UNIT C12C800341



LQ-870 PUSH/PULL TRACTOR UNIT C12C800202



LQ-1170 PUSH/PULL TRACTOR UNIT C12C800212



FX-/LQ-2170 PULL TRACTOR UNIT C12C800322



ROLL PAPER HOLDER C12C811141



LQ-870 FRONT SHEET GUIDE C12C814001



LQ-1170 FRONT SHEET GUIDE C12C814011



FX-880 FRONT SHEET GUIDE C12C814022



FX-1180 FRONT SHEET GUIDE C12C814032



DFX-8500 PERFORATION CUTTER C12C815072



LX-300 COLOUR UPGRADE KIT C12C832082



LQ-300 COLOUR UPGRADE KIT C12C832112



AUTOMATIC SHEET ALIGNMENT UNIT C12C806882



PLQ-20 SPACE SAVING KIT C12C802202



SERIAL I/F BOARD NO BUFFER TYPE-B C12C824432



EPSON NET 10/100 BASE TX. INT. PRINT SERV. 5E C12C824352



EPSON NET 802.11B/G 10/100 BASE T EXT. C12C824372







Better Products for a Better Future

# **SEIKO EPSON CORPORATION**

www.epson-europe.com

All features and specifications described are subject to change without notice. When Epson products are used for applications requiring high reliability/safety such as transportation devices related to aviation, rail, marine, automotive etc.; disaster prevention devices; various safety device etc.; or functional/precision device etc.; you should use the products only after giving consideration to inclusion of fail-safes and redundancies into your design to maintain safety and total system reliability. EPSON and ESC/POS are registered trademarks of Seiko Epson Corporation in the US and other countries. SEAJet is a registered trademark of Seiko Epson Corporation.

The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, Inc. Company and product names are trademarks or registered trademarks of their respective companies.

Printed on paper sourced from sustainable and well-managed forests that meet the criteria of national certification schemes endorsed by the PEFC. Paper made from ECF pulp which has been bleached without the use of chlorine gas.



